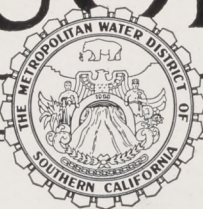


# • COLORADO RIVER • AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT



OF SOUTHERN CALIFORNIA

VOLUME XXVI

MAY, 1959

NUMBER 5

## Directors And Staff View Aqueduct Construction Work

An inspection party, including a number of District Directors and staff members, on May 20 looked over the construction work now being carried forward on the main Aqueduct between Lake Mathews and the San Jacinto tunnel in Riverside County. The inspection tour was arranged by General Manager and Chief Engineer Robert B. Diemer.

First stop on the tour was at the Perris siphon near the town of Perris where the party viewed the American Pipe and Construction Company's huge "Pipemobile" installing 13-foot inside diameter pipe sections in a 22-foot deep trench. Each of the pipe sections is 16 feet long and weighs more than 60 tons.

Traveling by bus, the party next visited the Casa Loma pipe casting yard where the giant pipe sections are made and was then taken to see the canal lining operations being carried forward on the Casa Loma canal. Here the group viewed the unique canal trimming and lining machines in operation. The trimming machine finishes the canal to a fine grade and the lining machine places the concrete, four inches thick, on sides and bottom, in one operation. These are followed by two movable platforms carrying workmen. The men on the first of these smooth over any rough spots in the concrete and those on the second spray the concrete with a curing compound. This work is being performed by the Winston Bros. Company.

Leaving the canal work, the party was taken to see excavation work in progress for the second Casa Loma siphon near the west portal of the San Jacinto tunnel and was then driven to the San Jacinto Reservoir where box lunches were served on picnic tables.

After lunch the party left for Lake Mathews, viewing various points of interest along the way including a portion of the canal work on the second San

(Continued on Page Two)



Above is an aerial photograph of the Casa Loma canal near its juncture with the Casa Loma siphon. At this point the canal has a 12-foot bottom, is 37½ feet wide at the top and is 8½ feet deep. It has a capacity of 1000 cubic feet per second. The canal construction on the main aqueduct is being performed by the Winston Bros. Company.

## Senate Action On San Luis Opposed By District Board

Opposition to the recent action of the U. S. Senate in striking from the San Luis Reservoir bill (S. 44) a section which exempted California state features of the project from Federal Reclamation laws was expressed on May 26 in a telegram sent to all California Senators and Congressmen by Joseph Jensen, Chairman of the Board of Directors of the Metropolitan Water District.

The bill referred to by the District

was one which would authorize construction of the San Luis Reservoir by the U. S. Bureau of Reclamation with the State of California participating in the payment of its cost and in its use.

Identical bills have been introduced in the Senate by Senator Thomas H. Kuchel and Senator Clair Engle and in the House by Congressman B. F. Sisk. These bills contained a section which removed those areas serviced by the State from the application of U. S. Reclamation laws, including the 160-acre limitation. The Senate removed this provision when

(Continued on Page Two)



• COLORADO RIVER •  
**AQUEDUCT NEWS**  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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## Director Dellmann Elected Mayor Of City Of South Gate

Director Milo Dellmann, one of the representatives of the Central Basin Municipal Water District on the Metropolitan Water Board of Directors, has been elected Mayor of the City of South Gate.

Mr. Dellmann has previously served as Mayor and as a City Councilman of South Gate. He also was engaged in the affairs of the Central Basin Water Association and was active in the formation of the Central Basin Municipal Water District. He is presently a member of the C. B. M. W. D. Board of Directors.

He has been a member of the District Board of Directors since 1954 and is presently Chairman of the Board's Land Committee and a member of the Water Problems Committee.

## Aqueduct Construction

(Continued from Page One)

Diego Aqueduct.

Arriving at Lake Mathews, the inspection party saw the earth-moving and construction work now under way which, when completed, will increase the capacity of the reservoir from 107,000 to 182,000 acre-feet. Winston Bros. Company and Green Construction Company, joint venturers, are performing the work of the enlargement of Lake Mathews. Leaving Lake Mathews, the inspection party returned to Los Angeles.

Those making the trip included Board Chairman Joseph Jensen, Vice Chairman Warren W. Butler, Directors Lynnndon L. Aufdenkamp, Howard Boylan, Ransom W. Chase, W. C. Farquhar, Floyd E. Fischer, Richard S. Holmgren, Morris S. Jones and A. C. Reynolds.

Robert B. Diemer, General Manager and Chief Engineer; R. A. Skinner, Assistant Chief Engineer; George M. Carroll, Controller; Chester G. Olson,

(Continued on Page Three)

## Vice Chairman Butler Honored By Realtors

Warren W. Butler, Vice Chairman of the District's Board of Directors, recently became Compton's "Citizen of the Year" when the Board of Realtors awarded him the "Realty Week" Distinguished Service Award. The presentation of the award was a highlight of Compton's annual observance of "Realty Week."

In an article in the Compton Herald American, Mr. Butler was described as "one of the hardest working men in the community." A well-known water and tax authority and long-time newspaper man, Mr. Butler has been Vice Chairman of the District's Board for more than 10 years and has represented Compton on the Board since 1935.

On the District Board he is also a member of the Executive Committee, the Water Problems Committee and the Finance and Insurance Committee.

## Senate Action on San Luis

(Continued from Page One)

it adopted the bill on May 12.

In the House, a bill authored by Congressman Sisk and containing the clause exempting state lands from U. S. Reclamation laws has been approved by the Interior and Insular Affairs Committee.

Following is the text of the telegram sent by the District:

"This is respectfully to advise you that the Board of Directors of the Metropolitan Water District of Southern California is compelled to express opposition to the action of the Senate on May 12 in amending S. 44 to strike Section 6(a) of the bill which exempted the State features of the project from the Federal Reclamation laws. It is urged that similar action be not taken by the House of Representatives. This Board offers no protest to the application of Federal Reclamation laws within the areas proposed to be directly served as a Bureau of Reclamation project.

"The taxpayers and water users of our District must pay about one-half the entire cost of the State project including interest on bonded debt over an extended period of years. We believe that the imposition of Federal administrative rule on the State project would result in higher interest costs that would have to be paid by our people. We strongly urge that the terms as expressed by Section 6(a) in S. 44 and by Section 7 in H.R. 7155 be retained."

## For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed May, 1959, covering District operations for April, 1959.)

**Colorado River**—The water surface of Lake Mead dropped 3.91 feet to elevation 1172.66 feet above sea level, and usable storage decreased 505,000 acre-feet to 20,230,000 during April. The total drop in elevation since the seasonal maximum on July 7, 1958 is 33.50 feet and the decrease in storage is 4,601,000 acre-feet. The average rate of discharge at the Hoover Dam for the month was 15,400 cfs.

**Pumping and Power**—Hayfield plant delivered 57,840 acre-feet of Colorado River water during April. Delivery was on a 5-pump basis continuously except for 1 hour, 49 minutes. The District's share of Parker energy was 27,646,136 kwhrs. Edison interchange energy delivered to the District amounted to 16,440,800 kwhrs. Peak deliveries to and from Edison Company were 110,000 kw and 130,000 kw respectively.

**Weymouth Softening and Filtration Plant**—Colorado River water was softened from 306 to 211 ppm of hardness at an average rate of 557 cfs during April. Daily rate of flow varied from a maximum of 578 cfs to a minimum of 524.

**Construction** — On installation of Pumping Units 7, 8 and 9, the contract is 80% complete, with work in progress at all five plants. At Intake, work is 74% complete; at Gene, 85%; at Iron Mountain, 89%; Eagle Mountain, 80%; and 71% complete at Hayfield.

The contract is 41% complete on Canals and Box Siphons — Schedules 11C, SD1C, SD2C, SD3C and SD4C.

On Pipe Line—Schedules SD8P and SD9P—work is 96% complete; Schedules 76SC, 77SC, and 78SC (Lower Feeder) work is 99% complete.

Work on Pipe Sections — Schedules 11P, 12P and SDXP—work is 47% complete.

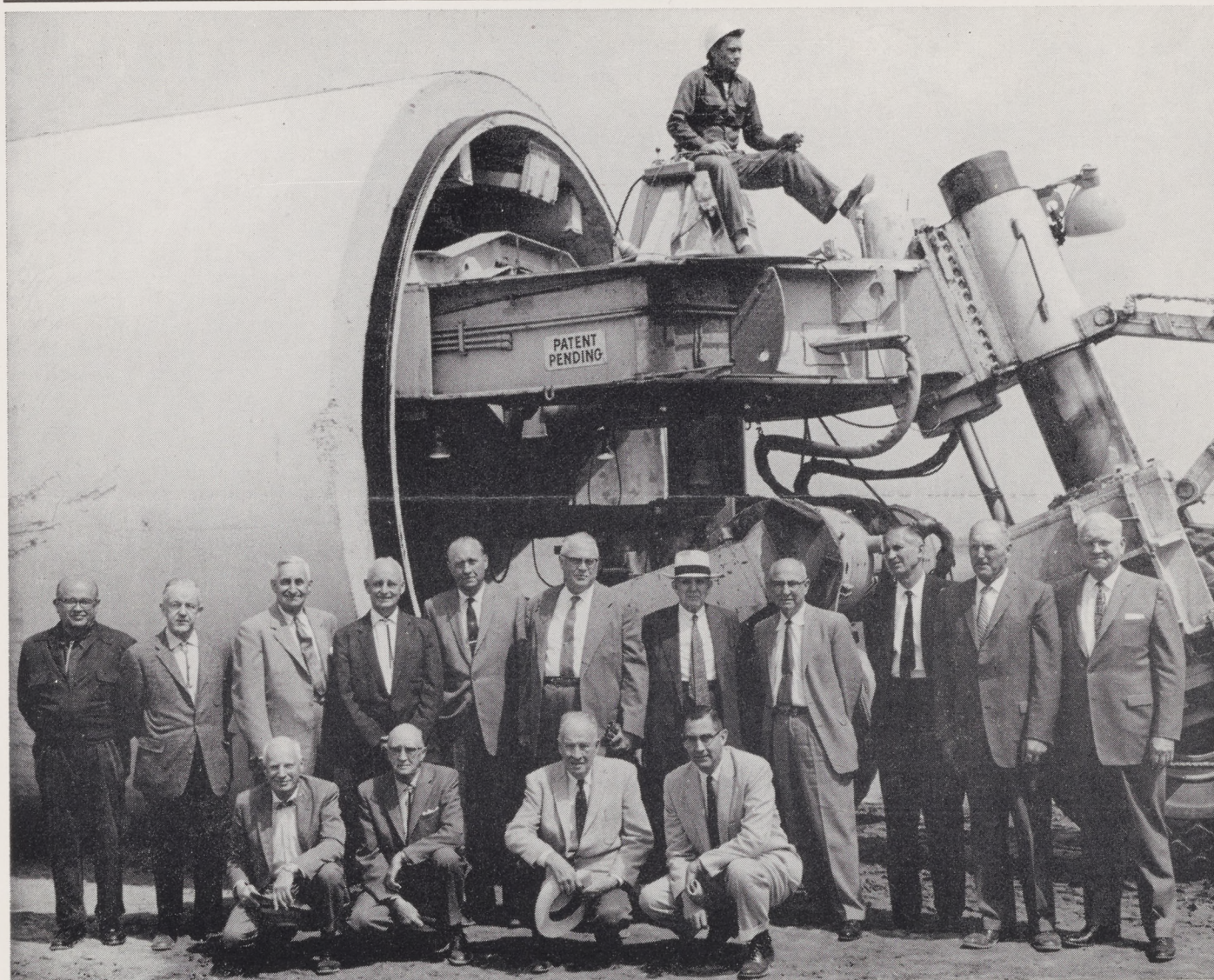
The relocation of a portion of the Santa Monica Feeder is 100% complete, with notice filed April 14, 1959.

Work on Pressure Control Structures (Lower Feeder) has not yet been started. Contract was awarded on April 14.

On the Enlargement of Lake Mathews, work on the contract is 1% complete.

**Purchasing** — Total expenditures covered by 382 purchase orders and 3 agreements during April aggregate approximately \$74,327.





Shown in front on the huge "Pipemobile," which is used to move 60-ton pipe sections into place, are some of the members of an inspection party which recently visited the sites of construction work being carried forward on the Colorado River Aqueduct. Standing, left to right, are Board Vice Chairman Warren W. Butler, Directors W. C. Farquhar, Floyd E. Fischer, Richard S. Holmgren, Lynnndon L. Aufdenkamp, Ransom W. Chase, Board Chairman Joseph Jensen, General Manager and Chief Engineer Robert B. Diemer, Assistant Chief Engineer Robert A. Skinner, Construction and Operations Engineer Henry J. (Hank) Mills and Treasurer Chester G. Olson. Kneeling, left to right, are Directors Howard Boylan, A. C. Reynolds, Morris S. Jones and Controller George M. Carroll.

## Aqueduct Construction

(Continued from Page Two)

Treasurer; A. L. Gram, Executive Secretary; E. W. Rockwell, Chief Electrical Engineer; Don J. Kinsey, Assistant to the General Manager; Henry J. Mills, Construction and Operations Engineer; Harris V. Crawshaw, Office Engineer; Wm. S. Merrithew, Senior Engineer; Owen M. Wilson, Senior Engineer; Maynard M. Anderson, Senior Engineer; John E. Anderson, Senior Engineer; Walter M. Marley, Senior Engineer; W. P. Winn, Senior Engineer; Harry W. Jahn, Senior Engineer; W. F. McCleary, Resident Engineer; Richard W. Leshar, Public Relations Representative; Rufus S. Fee, Public Relations Representative; Louis G. Chazaro, Senior Photographer; and Ray Moats, General Clerk.

## Director Walker Named President Of Bankers Group

Director Gus A. Walker, one of the two Long Beach representatives on the District Board of Directors, has been elected President of the California Bankers Association.

Mr. Walker is President of the Farmers and Merchants Bank of Long Beach. He has been with the Long Beach bank since 1922 and was named President in 1937. He is also President of Farmers and Merchants Bank of Southern Counties.

He has been a member of the District Board of Directors for more than 15 years and is a member of the Board's Finance and Insurance Committee and of the Legal and Claims Committee.

## Low Runoff Forecast For Colorado River This Year

Most of the more than 300 members of the Colorado River Crystal Ball Gazers Association, who attempt to guess the flow of the Colorado River between April 1 and July 31 at the Grand Canyon gaging station, have submitted low estimates this year due to light snowfall in the mountains and low forecasts by various agencies.

The latest figures released by the U. S. Bureau of Reclamation estimate a runoff of only 4,900,000 acre-feet as compared with 9,926,000 in 1958 and 12,866,000 in 1957. In 1957, District employees won all three prizes in the Crystal Ball contest but the District ran out of the money last year.



# NEWS FROM FIELD AND OFFICE

All District employees, their families and friends, are invited to attend the Annual Spring Dinner Dance sponsored by Group I of the Employees' Association. The dinner dance is being held at the Chevy Chase Country Club in Glendale on June 19.

The charge is \$4.00 per person and the menu will include an appetizer, relish dish, prime rib or fish, potatoes au gratin, green vegetable, tossed salad, rolls, coffee and ice cream. The "Happy Hour" starts at 6:30 p.m. and serving hour is 7:30 p.m. For a really bang-up evening, make reservations by calling Marvin Stephens, Bill Bowlby, Jack Dwyer or Bob Moehle.

Maynard and Evelyn Sien became the parents of Shelly Maree on April 14. The young lady was born at Park Avenue Hospital in Pomona and weighed 6 pounds 9 ounces at birth. Maynard is a Utility Man on construction at Lake Mathews.

Tommy Woods, son of Phil Woods, Pumping Plant Operator at Hayfield, and Billy Pierce, son of Bill Pierce,

Pumping Plant Operator at Eagle Mountain, graduated from the Kaiser Mine Elementary School on May 28. Both boys will enter high school next year but right now they are just looking forward to summer vacation.

Jerry Hermes, Draftsman in the Los Angeles office, and his wife, Mitzie, became parents for the second time on May 19 when a baby boy was born to them at Glendale Memorial Hospital. The young man weighed 5 pounds 14 ounces and has been named Michael. He has a two-year-old sister named Vickie Marie.

The ladies at Eagle Mountain were hostesses to more than 100 people at a Parent-Teachers Association dinner on May 14. A delicious buffet dinner was served at the Recreation Hall. Parents and teachers from Kaiser Eagle Mountain Mine, Desert Center and Hayfield were present at the event.

Tentative plans for the District's summer picnic call for the gala outdoor

event to be held at San Dimas Park on July 26. Mealtime will be 12:45 with games before and after and prizes for the youngsters.

W. F. (Mac) McCleary, Resident Engineer at Lake Mathews, and Mrs. McCleary are vacationing in the east with their son, Pat, and his family in Charlotte, North Carolina. They flew to New York by jet airplane and planned to visit in Washington, D. C., en route to North Carolina.

Jack Moser, Junior Engineering Aide at Lake Mathews, and his wife, Pauline, are the proud parents of an 8 pound 9 ounce baby boy born at the Kaiser Foundation Hospital in Fontana on May 23. The young man has been named Jack Calvin Moser, Jr.

Harry G. Matthews, Engineer on Construction-Design, is recovering from abdominal surgery which he underwent in the Kaiser Harbor Hospital on May 29. Latest reports indicate he is coming along fine.



District youngsters at Gene Village and their friends from nearby areas are putting the recently-completed swimming pool to good use during the hot weather. Above, left to right in the water, are Ethel Clark, daughter of Mr. and Mrs. Ed Clark, Kathy Carnahan, daughter of Mr. and Mrs. R. B. Carnahan, Carla Jo Schardein, daughter of Mr. and Mrs. William E. Schardein, and Pat Carnahan. Seated on the edge of the pool, left to right, are Barbara Jean Carey, a visitor, Timmy Carnahan, Ardell Stewart, daughter of Mr. and Mrs. Elroy M. Stewart, Donna Trent, a visitor, and Glenda Bouse, daughter of Mr. and Mrs. George K. Bouse. Seated on the diving board, left to right, are Ada May Carey, a visitor, Delilah Clark, Judy Graham, daughter of Mr. and Mrs. A. E. Graham, and Gladys Murray, granddaughter of Mr. and Mrs. Donald E. Weidel.